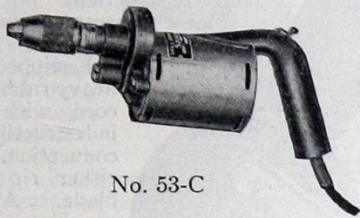


SPEEDWAY ELECTRIC DRILLS

1/4 Inch Capacity in Steel



No. 53-C

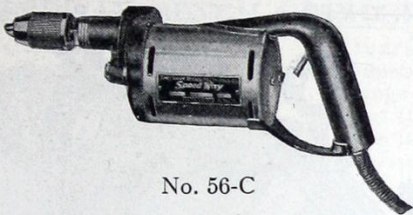
Steel body is finished in chromium.

With oilless, self-aligning bearings, open grip handle, 1/4-inch keyless chuck and universal motor. Furnished with 8-foot rubber-covered cable and separable plug.

Over all length, 13 inches. No load speed, 2000 r.p.m. Normal load speed, 1200 r.p.m. Weight, 5 1/2 pounds.

List No. 53-C.....List Price, each \$27.00

5/16 Inch Capacity In Steel



No. 56-C

Steel body is finished in chromium.

With oilless, self-aligning bearings, closed grip handle, 5/16-inch keyless chuck and universal motor. Double gear reduction. With 8-foot rubber-covered cable and plug.

Over all length, 13 inches. No load speed, 1500 r.p.m. Normal load speed, 900 r.p.m. Weight, 6 1/2 pounds.

List No. 56-C.....List Price, each \$33.35

3/8 Inch Capacity in Steel

Made of steel, chromium finish.

With oilless, self-aligning bearings, keyless chuck, ball-bearing thrust, quick-make-and-break trigger switch,

large cooling fan and universal motor. With 8-foot rubber-covered cable and plug.

Over all length, 14 inches. Breast plate, 3/8 inch.

Weight, 8 pounds.

No load speed, 1300 r.p.m. Normal load speed, 800 r.p.m.

No. 57-C

List No. 57-C List Price, each..... \$46.50

1/2 Inch Capacity in Steel

Made of steel, chromium finish. With oilless, self-aligning bearings, 1/2-inch keyless chuck, ball-bearing thrust, quick-make-and-break trigger switch, large cooling fan,

breast plate and universal motor. With 8-foot rubber-covered cable and plug. Over all length, 15 inches.

No load speed, 500 r.p.m. Normal load speed, 300 r.p.m.

Weight, 12 1/2 pounds.

List No. 60-C. List Price, each.....\$60.50

No. 60-C

SPEEDWAY PORTABLE DRILLS

Heavy Duty

Of ball bearing construction.

Operates on both AC and DC. Heavy duty switch, toggle type.

Jacobs 3-jaw key type chuck and chuck key; 8-foot heavy rubber lead cord with indestructible soft rubber split plug connection. Specify voltage when ordering.

No. 90

rubber lead cord with indestructible soft rubber split plug connection. Specify voltage when ordering.

List No.....	88	90	92
List Price.....	\$66.75	\$69.75	\$77.50
Capacity in Steel, inches.....	1/4	3/8	1/2
No Load Speed, r.p.m.....	1450	1100	850
Drilling Speed, r.p.m.....	875	650	500
Gear Reduction.....	13 to 1	17 to 1	22 to 1
Length Over All, inches.....	14	15	15
Weight, pounds.....	8	8 1/2	9

SPEEDWAY ELECTRIC DRILLS

1/2 Inch Capacity in Steel

Has a wood drilling capacity of 1 inch holes or better; average reaming capacity, 7/16 inch.

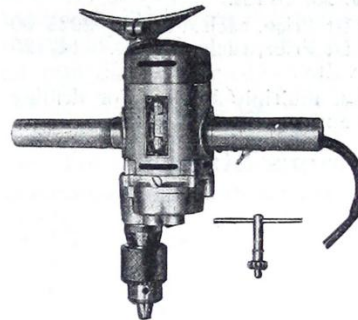
Has oversize 110 volt universal motor. Heavy duty trigger switch in side handle. Ball bearing construction.

With Jacobs Chuck, chuck wrench, 8-foot lead cord and plug.

Length, 14 inches. Speed r.p.m. load, 350; no load, 700.

Weight, 14 pounds.

List No. 59
each..... \$100.75
List No. 220 Drill Stand,
each..... \$34.90



No. 59

SPEEDWAY MASTER ELECTRIC DRILLS

CAPACITY IN STEEL

TYPE 94— 5/8 Inch

TYPE 95— 3/4 Inch

TYPE 96— 7/8 Inch

TYPE 97— 1 1/4 Inches

Reaming capacity averages 75 per cent of drilling capacity in steel. Capacity in wood ordinarily runs double capacity in steel and over.

Heavy duty trigger switches can be locked on contact. With 110-volt universal motor, 8-foot lead cord and plug.

No. 97

List Nos. 94 and 95 with Jacobs Chuck and Chuck Wrench; List Nos. 96 and 97 with Nos. 2 and 3 Morse Taper Sockets.

List No.	List Price Each	Cap. in Steel In.	Lgth. In.	Load No Load Speed R.P.M.	Speed R.P.M.	Weight Lbs.
94.....	\$124.00	5/8	17 1/2	300	500	23
95.....	131.75	3/4	18	250	450	24
96.....	147.00	7/8	18 1/2	200	370	28
97.....	178.25	1 1/4	19	180	300	28

1/2-Inch Jacobs Chuck on Morse Taper Arbor for Morse Taper Sockets, for Nos. 96 and 97, List

Price, each..... \$15.50
List No. 223 Drill Stand, List Price, each..... 54.25

SPEEDWAY PORTABLE HAMMERS

110 Volts



No. 6

Primarily built for drilling into concrete, stone, brick, etc., light chipping, channeling, scaling and other uses where a great number of blows is required.

Operates at about 15 per cent of the power cost of operating air tools and without the expense and inconvenience of compressor, air piping hose, etc. Over handwork, the economy is from 80 to 90 per cent. Every tool is controlled by a switch mounted in the handle and equipped with flexible cord and plug. They may be attached to any lamp socket.

A man drilling by hand strikes from 40 to 65 blows per minute, this hammer, 1800 blows per minute. Power cost is negligible, about 15 cents a day for ordinary work. The hammer element is at all times free from the motor and the strength of the blow is constant. Cannot overload the machine, no burning out of armatures.

Drills 1 1/4-inch diameter hole in concrete or soft stone, and drills 2 inches deep per minute.

Operated on both AC and DC. Watts, 275.

Weight, No. 6, 26 lbs; No. 10, 16 lbs.

List No. 6, 1 1/4" Capacity, List Price, each..... \$225.00
List No. 10, 3/4" Capacity, List Price, each..... 147.25
Add \$1.55 for 220 or 32 volts.

For drilling speed in brick multiply by 2. For drilling speed in granite divide by 2 and use diamond drills.

Electric Hammer Stands

Useful for ceiling drilling, taking the strain off the operators.

List No.....	46	46S
List Price, each.....	\$54.25	\$31.00
Length Feed, inches.....	8	8
Minimum Height.....	7' 6"	5'
Maximum Height.....	12'	7' 8 1/2"

Steels For Hammers

The Star drill is especially adapted for working in concrete, brick and soft stone and is regarded as the standard tool for practically all purposes.

4-Point Star Drills, Bull Points, Chisels, Blanks, and Diamond Points

For No. 6 or No. 10 Hammers. Class A.

These sizes are standard.

		List Prices Per Dozen						
Dia.		Drilling Length, Inches-						
In.		5	8	12	18	24	36	48
3/8 or								
Under	\$24.80	\$29.45	\$32.55	\$37.20				
7/16	26.35	29.45	32.55	37.20				
1/2	29.45	32.55	34.10	38.75				
9/16	31.00	32.55	34.10	38.75				
5/8	31.00	32.55	34.10	38.75				
3/4		34.10	35.65	40.30	\$46.50			
7/8		34.10	37.20	41.85	48.05			
1		35.65	38.75	43.40	49.60	\$60.45		
1 1/8		37.20	40.30	44.95	52.70	62.00	\$71.30	
1 1/4		38.75	41.85	46.50	54.25	63.55	72.85	

Bush Hammers

For No. 6 or No. 10 Hammer. Class A.

List Price, each..... \$7.75

Channeling Tools

For No. 6 or No. 10 Hammer. Class A.

List Price, each..... \$4.65

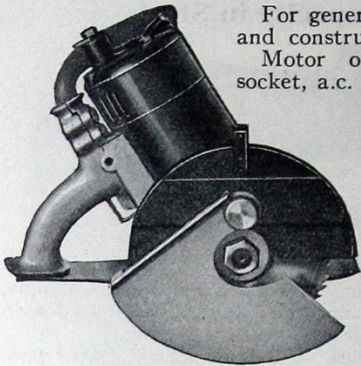
Mill Pick Chisels

For No. 6 or No. 10 Hammer. Class A.

List Price, each..... \$5.45

Prices on special tools upon application.

SPEEDWAY PORTABLE ELECTRIC SAWS



No. 175

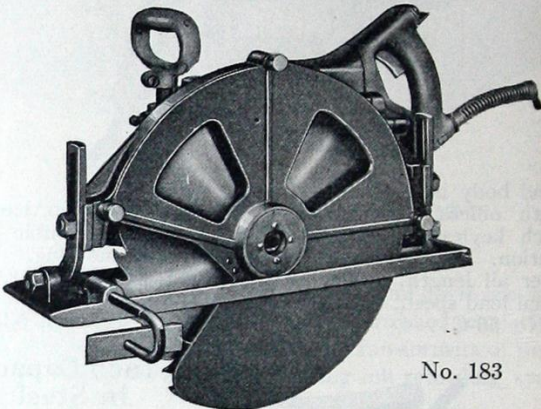
For general maintenance, carpentry and construction.

Motor operates from any light socket, a.c. or d.c.

Equipped with 8 feet heavy rubber covered lead cord with soft rubber indestructible split plug connection. Choice of either rip or cross cut blade. A 6-inch blade provides cutting capacity up to 1 3/4 inches. A 7-inch blade with cutting capacity of 2 1/4 inches at extra cost.

Length over all, 15 inches.

Weight, 15 pounds. Speed, 3800 r.p.m.
List No. 175, 110-Volt.....List Price, each \$60.50
List No. 175, 220-Volt.....List Price, each 62.00
List No. 175, 32-Volt.....List Price, each 62.00



No. 183

Slipper plate can be raised or lowered for adjustment of depth of cut. A ripping guide is mounted on the front of the slipper plate to facilitate long cuts.

Each machine is furnished with a light frame which permits the saw to be turned up side down and used as a table saw. Base plate tilts 45° to cut bevels.

Swinging saw guard automatically pushes out of the way when cutting pressure is applied and returns to position when pressure is released.

The machine is fitted with ball bearings. All gears and shafts are made from heat treated chrome nickel steel.

Furnished complete with necessary wrenches and a carrying case. Runs on either a.c. or d.c.

List No.....	183	184	185
List Price, each.....	\$302.25	\$248.00	\$209.25
Size of Blade, inches.....	12	10	8
Size of Cut, inches.....	4 3/8	3 3/8	3 3/8
Motor, h. p.....	1	3/4	3/4
No Load Speed, r.p.m.....	1750	1800	4600
Weight, pounds.....	30	25	25

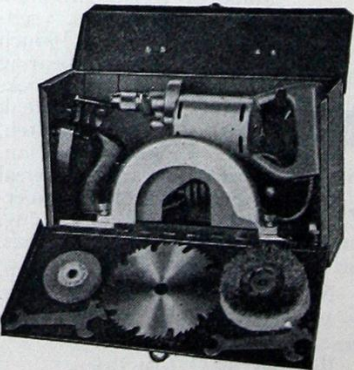
SAW KIT

For use with Nos. 53 and 56 Drills

Universal Motor

Five power driven portable electric tools are built into this kit. One power unit is adapted to all 5 to make an attractive price for so practical a set.

The set includes a portable saw, grinding wheel, buffer, scratch brush, motor stand, accessory arbor and steel carrying case. List No. 281. List Price, each (Drill extra) \$23.25



No. 281

SPEEDWAY SCREW-DRIVERS AND NUT-TIGHTENERS

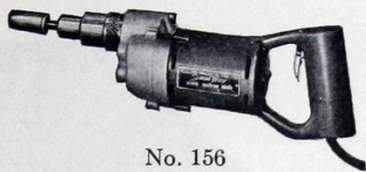
This is a light and compact driver for small and medium sized screws. A simple change from screw-driver tang to nut-socket converts it into nut-tightener.

Housing is of drawn steel, electrically welded to handle.

The motor operates on both A.C. and D.C.; 32, 110, or 220 volts. Quick make and break switch, return spring type.

Capacity, No. 16 screws up to 2½ inches.

List No.	155	156
List Price, each	\$100.75	\$116.25
No Load Speed, r.p.m.	700	700
Driving Speed, r.p.m.	375	375
Clutch	Positive Drive	Positive and Slip Drive
Gear Reduction	26 to 1	26 to 1



No. 156

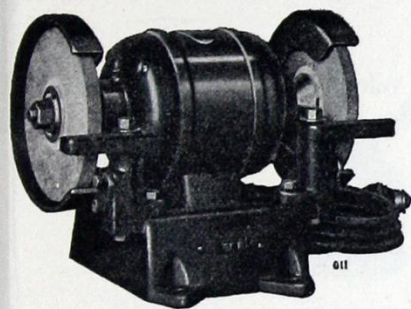
SPEEDWAY BENCH GRINDERS

Oversize shaft and dust-proof ball-bearings are features of this tool.

Operates two 6-inch grinding wheels at 3500 r. p. m. Wheels are well guarded. Has adjustable tool rests.

Equipped with ¼-h.p. A.C. motor, 110 or 220 volts, not universal.

Weight, 39 lbs.



No. 122

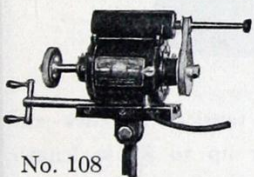
List No. 122, A.C. only, 110 volts.	List Price..	\$31.00
Add for 32 or 220 volts.		1.55

SPEEDWAY TOOL POST GRINDERS

Universal Motor

Type 108 is a precision grinder combining correct speed with accuracy and ample power. Ball-bearing throughout. Speed of bare grinder is 10000 r.p.m.

Standard equipment includes one 2½- and one 4½-inch grinding wheels. Specify voltage.



No. 108

List No. 108, List Price, each	\$54.25
Add \$1.55 for 32 or 220 volts.	

EXTRA EQUIPMENT FOR NOS. 108 AND 110 GRINDERS

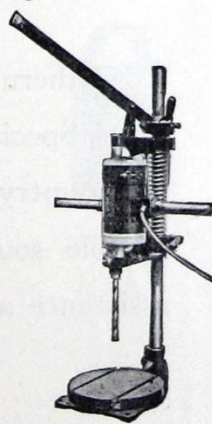
List Price, A, Arm for 3" Internal 30000 r.p.m., each	\$31.00
List Price, D, Arm for 5" Internal 10000 r.p.m., each	31.00
List Price, B, Arm for 10" Internal 10000 r.p.m., each	46.50
List Price, E, Arm for 15" Internal 10000 r.p.m., each	54.25
List Price, C, Arm for Button Die Grinding, each	54.25

SPEEDWAY PORTABLE DRILL STANDS

The usefulness of a portable drill is greatly increased with the added equipment of a drill stand as shown here.

This stand insures perfect alignment and makes drilling a much easier job. A type for each drill is available.

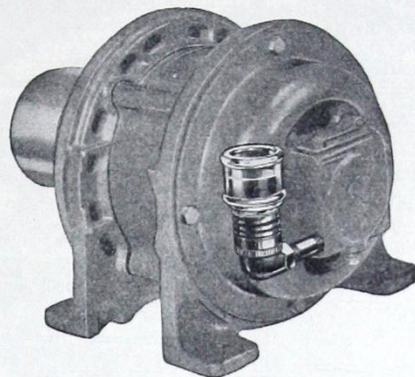
For Use With				
List No.	Class	Drills Types	Wgt. Lbs.	List Price
212...	B	53, 56, 57C	9	\$15.50
214...	B	60C	40	24.80
220...	A	59	41	34.90
221...	A	88, 90, 92	35	34.90
223...	A	94, 95, 96, 97	60	54.25



No. 214

SPEEDWAY OILERS

Types A and B Constant Level Oilers



Showing Type A Oil Bearing Installed

For ring-oiled and waste-packed bearings.

The oil level in the bearing is held at the same height as the opening of the short tube in inverted bottle cap. As soon as the oil gets below this level air enters the jar through this tube, and oil flows out through long tube until level is raised enough to again seal the air opening in the short tube. The oil level cannot vary more than a slight fraction of an inch.

This oiler doubles the capacity of the oil reservoir, so bearings need inspection only half as often. Inspection is simplified and speeded up.

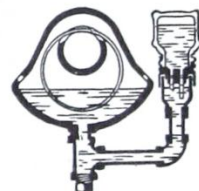
No oil is wasted by this oiler. Every drop goes to the bearing when it is needed.

A glance at the glass tells if oil level is correct. If not, the bottle can be refilled and replaced in an instant. Keep oil in the bottle and the level cannot vary.

Type A oilers are quickly and easily installed on most ring-oiled bearings by connecting directly to the side oil opening.

Type B oilers are used on ring-oiled bearings not having a side opening. They are connected as shown in illustration at right.

List No. A or B, 1-oz. Oil Cap	List Price, Each, \$1.90
List No. A or B, 3-oz. Oil Cap,	List Price, Each, \$1.95



For Ring-Oiled Bearings Bottom Opening

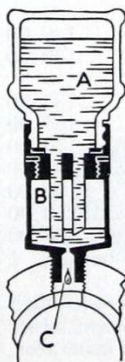
TYPE T THERMAL OILER

For plain sleeve bearings.

When Speedway Thermal Oilers are used on machine bearings it means fewer repairs, longer life and less depreciation.

Oilers are entirely automatic and are so sensitive to the varying needs of a bearing that they operate on a temperature change of 2 degrees.

Main oil supply is held in the glass bottle A from which it flows as needed to the thermal chamber B. Any slight rise in temperature of bearing is communicated to air imprisoned in B, which expands, forcing oil out of small opening C. Ratio of air and oil in chamber B is always the same, thus insuring uniform operation.



List No. T-1 Oiler, 1-oz size, Glass Containers, List Price each	\$2.70
List No. T-3 Oiler, 3-oz. size, Glass Containers, List Price each	\$3.00